

IN THE SPECIFICATION:

Pages 3-4, please amend paragraph [0005] starting on page 3, line 15 and ending on page 4, line 15 of the specification as follows:

[0005]

Fig. 2 is a cross-section view showing a configuration of a suction pad 61 disclosed in the patent document 1. The suction pad 61 is dealt with as conventional example 2. A suction disk 62 is a disk-shaped suction disk made of photosensitive resin material, and a suction port 62c penetrating through in the up and down direction is formed at its central part. A great number of convex parts are arranged on a sucking surface side of the suction disk 62, and a flat surface having the same height as the convex parts is provided at an outer peripheral edge to maintain air tightness. The convex parts are formed by performing photo etching process for the photosensitive resin material (AFP). A reinforcement layer 63 is a layer laminated to prevent the AFP from deforming by external stress. A magnet sheet 64 is a sheet having the same diameter as the suction disk 62. A double-faced adhesive sheet 65 is an adhesive sheet for bonding the magnet sheet 64 and the reinforcement layer 63. Each of these members 63 to 65 provides a hole Q at a position corresponding to the suction port 62c. A holding member 66 made of iron is a holding member made of iron having the same outer diameter as the magnet sheet 64. A supporting member 66a for supporting the holding member itself is arranged at the central part of the holding member 66. A suction tube 67 is inserted into the supporting member 66a. The suction tube 67 is

connected to a vacuum pump which is not shown.

Pages 13-14, please amend paragraph [0021] starting on page 13, line 22 and ending on page 14, line 9 of the specification as follows:

[0021]

A vacuum suction head ~~according to claim 1~~ is characterized by comprising: a suction pad which contacts and sucks in vacuum a sucking surface of an object to be sucked; a shaft which holds said suction pad at one end, and is provided with an air charging and discharging hole for charging gas into and discharging gas from said suction pad; a casing part which has a cylindrical space for regulating a movable range of said shaft and holding said shaft in a slightly movable manner; and an elastic supporter which elastically supports said shaft in said casing part, in a freely and slightly movable manner in an axial direction of said casing part and in a direction diagonal to the axial direction.

Page 16, please amend paragraph [0028] starting on line 3 and ending on line 7 of the specification as follows:

[0028]

A vacuum suction device ~~according to claim 1~~ comprises at least one vacuum suction head ~~according to claim 1~~, and the vacuum suction head contacts and sucks in vacuum the surface of the object to be sucked.

Page 16, please amend paragraph [0029] starting on line 7 and ending on line 12 of the specification as follows:

[0029]

A table according to claim 9 comprises a vacuum suction head ~~according to claim 1~~ with a suction pad facing upward, and the vacuum suction head contacts and ~~[[sacks]]~~ sucks in vacuum a sucking surface of the object to be sucked to said suction pad.

Page 33, please amend paragraph [0054] starting on line 10 and ending on line 25 of the specification as follows:

[0054]

The operation of sucking and conveying a large-sized object to be sucked using the vacuum suction head 1 configured as above will be explained. Fig. 9 shows one example of the vacuum suction device 40 provided with a plurality of vacuum suction heads 1. A plurality of angles 42a, 42b, 42c, ~~[[42c]]~~ 42d are fixed to a chucking table 41 according to the size of the object to be sucked. The plurality of vacuum suction heads 1 are attached in a line with respect to the respective angle 42 according to the size of the object to be sucked. Since the suction head 1 moves in a freely following manner even if undulation is present at the surface of the object to be sucked. It is not required to perform height adjustment of the suction head individually providing a mechanism for determining the

height as explained in conventional example 4. Thus, the attachment and adjustment task of the suction head is facilitated.